

Converting Colors

XYZ(21.9119, 21.8922, 43.8563)

Have a look what the booklet for
XYZ(21.9119, 21.8922, 43.8563)
contains.

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Color

**XYZ(21.8874, 21.8485,
43.6210)**

Conversions

Conversions Part 1

Format	Color
Hex	6E80AF
RGB	110, 128, 175
RGB Percent	43%, 50%, 69%
CMY	0.5686, 0.4980, 0.3137
CMYK	0.37, 0.27, 0.00, 0.31
HSL	223°, 29%, 56%
HSV	223°, 37%, 69%
XYZ	21.8874, 21.8485, 43.6210
YIQ	127.9760, -25.8150, 10.8010

Conversions

Conversions Part 2

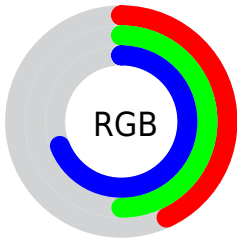
Format	Color
R_{YB}	110, 124, 175
Decimal	7241903
CIE Lab	53.87, 5.32, -26.98
CIE LCh	54, 27.500, 281.164
Yxy	21.8485, 0.2506, 0.2501
Android (android.graphics.Color)	4285431983 (0xFF6E80AF)
YUV	127.9760, 23.1828, -15.7650
Hunter-Lab	46.7424, 1.7845, -22.6110

Details

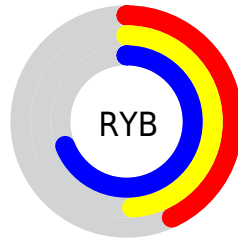
The XYZ color **21.8874, 21.8485, 43.6210** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **32.5510, 34.3540, 19.6679**, and the grayscale version is **20.4387, 21.5031, 23.4169**.

A 20% lighter version of the original color is **46.0519, 46.6038, 82.1695**, and **8.1125, 7.9269, 19.5148** is the 20% darker color. If you saturate the color by 10%, you get **18.3725, 17.7376, 43.0132**, and if you desaturate by 10%, it is **26.0396, 26.5944, 44.3186**.

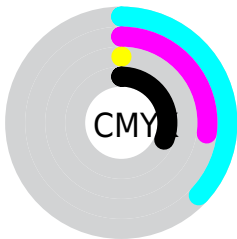
Distribution



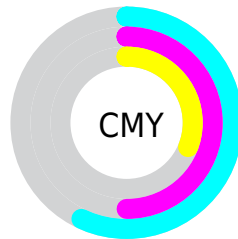
- Red (43%)
- Green (50%)
- Blue (69%)



- Red (43%)
- Yellow (49%)
- Blue (69%)



- Cyan (37%)
- Magenta (27%)
- Yellow (0%)
- Black (31%)



- Cyan (57%)
- Magenta (50%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8874, 21.8485, 43.6210 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 21.8874, 21.8485, 43.6210 by changing the saturation by 10% instead.

■ 21.8874, 21.8485,
43.6210

■ 21.8874, 21.8485,
43.6210

254.6011,
261.7541, 377.1554

■ 13.8903, 13.7456,
30.0377

■ 46.0401, 46.4955,
81.9435

■ 8.1256, 7.9440,
19.6149

■ 62.9264, 63.8084,
107.5198

■ 4.2279, 4.0591,
11.9341

■ 83.5064, 84.9600,
137.9308

■ 1.8319, 1.7067,
6.5768

■ 108.1457,
110.3349, 173.5950

■ 0.5368, 0.4280,
3.1245

137.2094,
140.3173, 214.9311

■ 0.0000, 0.0000,
1.1585

171.0630,

■ 0.0000, 0.0000,

175.2917, 262.3574

0.0000

210.0718,
215.6425, 316.2927

■ 21.8874, 21.8485,
43.6210

■ 21.8874, 21.8485,
43.6210

■ 18.3725, 17.7376,
43.0132

■ 26.0396, 26.5944,
44.3186

■ 15.4597, 14.2311,
42.4899

■ 30.8575, 31.9992,
45.1079

■ 13.1137, 11.2992,
42.0476

■ 36.3702, 38.0885,
45.9927

■ 11.2942, 8.9085,
41.6820

■ 42.6045, 44.8859,
46.9761

■ 9.9550, 7.0216,
41.3884

■ 49.5858, 52.4135,
48.0612

■ 9.0321, 5.5906,
41.1608

■ 57.3381, 60.6927,
49.2506

■ 8.8139, 5.2472,
41.1061

■ 65.8845, 69.7440,
50.5473

■ 75.2470, 79.5870,
51.9537

■ 80.6962, 87.7916,
53.2501

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



18.9832, 21.8485, 42.7812



21.8874, 21.8485, 43.6210



24.7405, 21.8485, 38.2837

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.8874, 21.8485, 43.6210



25.3503, 21.8485, 14.5960



15.8340, 21.8485, 18.9072

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



21.8874, 21.8485, 43.6210



32.5510, 34.3540, 19.6679

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



17.2424, 21.8485, 13.5109



21.8874, 21.8485, 43.6210



22.6578, 21.8485, 11.4610

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



21.8874, 21.8485, 43.6210



26.8626, 21.8485, 20.7722



19.6842, 21.8485, 11.1177



15.6701, 21.8485, 27.0853

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



21.8874, 21.8485, 43.6210



26.1591, 21.8485, 32.5443



19.6842, 21.8485, 11.1177



16.1708, 21.8485, 16.7647

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



21.8881, 21.8493, 43.6215



60.9871, 63.6492, 81.7080



27.8112, 36.3955, 37.2719



13.2638, 13.8252, 18.1138



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.8881, 21.8493, 43.6215



33.6982, 32.7068, 77.1738



21.6386, 18.5390, 42.9957



7.7527, 8.1048, 10.1085



6.3575, 3.8488, 29.4523



0.2231, 0.1996, 0.8348

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



27.1520, 21.8250, 23.2045



44.7324, 33.2485, 34.2424



32.8261, 39.3546, 20.6186



8.0930, 8.0504, 8.8005



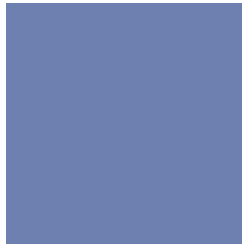
13.0726, 6.6916, 2.7617



0.3870, 0.1955, 0.1998

Previews

White Background



This preview shows how the XYZ color 21.8874, 21.8485, 43.6210 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 21.8874, 21.8485, 43.6210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

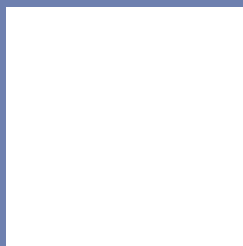
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.8874, 21.8485, 43.6210

Background



This preview shows how black text looks on a background with the XYZ color 21.8874, 21.8485, 43.6210.

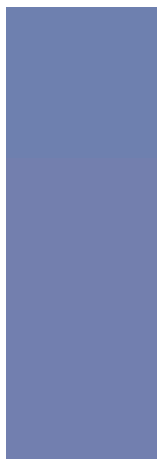


This preview shows how white text looks on a background with the XYZ color 21.8874, 21.8485,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

21.8874, 21.8485, 43.6210

Protanopia

22.2996, 21.8796, 43.0923

Deuteranopia

22.2667, 21.8513, 43.6016



Tritanopia

19.1527, 21.9474, 29.6124

Trichromacy



Original Color

21.8874, 21.8485, 43.6210

Protanomaly

22.0394, 21.7454, 43.0801

Deuteranomaly

22.1373, 21.7846, 43.5955

Tritanomaly

20.1115, 21.9333, 34.1839

Monochromacy



Original Color

21.8874, 21.8485, 43.6210

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.7152, 21.5476, 29.8554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8874, 21.8485, 43.6210 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(110, 128, 175)` looks like.

```
.text, #text, p{  
    color:rgb(110, 128, 175)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(110, 128, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 128, 175) }
```

Border

The CSS property to change the border of an element to XYZ 21.8874, 21.8485, 43.6210 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 128, 175) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(110, 128, 175) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(110, 128, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 128, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 128, 175);  
box-shadow:4px 4px 4px 4px rgb(110, 128,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8874, 21.8485, 43.6210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 128, 175) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(110,  
128, 175) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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